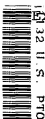


12/21/01

Express Mail No. EF213099755US *2-28-01*Please type a plus sign (+) inside this box ☐ +
 PTO/SB/05 (11-00)
 Approved for use through 10/31/2002. OM# 0651-0032
 Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	SU-7245
First Inventor	Jonathan N. Howarth
Title	Microbiological Control In Animal Processing
Express Mail Label No.	EF213099755US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents,
Box Patent Application
Washington, D.C. 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 47]
(preferred arrangement set forth below)
- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to sequence listing, a table,
or a computer program listing appendix
- Background of the invention
- Brief Summary of the invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure
4. ☐ Drawing(s) (35 U.S.C. 113) [Total 2]
5. Oath or Declaration [Total Pages 2]
a. ☒ Newly executed (original or copy)
b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.78

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
a. ☐ Computer Readable Form (CRF)
b. Specification Sequence Listing on:
i. ☐ CD-ROM or CD-R (2 copies); or
ii. ☐ paper
c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement [] Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure [] Copies of IDS
Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☒ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment,
or in an Application Data Sheet under 37 CFR 1.76:
☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/893,581
Prior application information: Examiner unknownGroup / Art Unit unknown

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 2071 or ☐ Correspondence address below
 (Insert Customer No. or Attach bar code label here)

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type) John F. HowarthRegistration No. (Attorney/Agent) 17,704Signature John F. HowarthDate December 21, 2001
 Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any
 comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office,
 Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box
 Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

Complete if Known

Application Number ---
 Filing Date Herewith
 First Named Inventor Jonathan N. Howarth
 Examiner Name ---
 Group Art Unit ---
 Attorney Docket No. SU-7245

TOTAL AMOUNT OF PAYMENT **\$1,470.00****METHOD OF PAYMENT**

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number
 Deposit Account Name

- ☐ Charge Any Additional Fee Required
 Under 37 CFR §§ 1.16 and 1.17
☐ Applicant claims small entity status.
 See 37 CFR § 1.227

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	<u>740.00</u>
106 330	206 165	Design filing fee	<u> </u>
107 510	207 255	Plant filing fee	<u> </u>
108 740	208 370	Reissue filing fee	<u> </u>
114 160	214 80	Provisional filing fee	<u> </u>
SUBTOTAL (1)			<u>\$740.00</u>

2. EXTRA CLAIM FEE

	Extra Claims	Fee from below	Fee Paid
Total Claims	<u>45</u> - 20** = <u>25</u>	X <u>18.00</u> = <u>450.00</u>	
Independent Claims	<u>3</u> - 3** = <u>0</u>	X <u> </u> = <u>0.00</u>	
Multiple Dependent		<u>280.00</u> = <u>280.00</u>	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9	Claims in excess of 20	<u> </u>
102 84	202 42	Independent claims in excess of 3	<u> </u>
104 280	204 140	Multiple dependent claim, if not paid	<u> </u>
109 84	209 42	** Reissue independent claims over original patent	<u> </u>
110 18	210 9	** Reissue claims in excess of 20 and over original patent	<u> </u>
SUBTOTAL (2)			<u>\$730.00</u>

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	<u> </u>
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	<u> </u>
139 130	139 130	Non - English specification	<u> </u>
147 2,520	147 2,520	For filing a request for ex parte reexamination	<u> </u>
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	<u> </u>
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	<u> </u>
115 110	215 55	Extension for reply within first month	<u> </u>
116 400	216 200	Extension for reply within second month	<u> </u>
117 920	217 460	Extension for reply within third month	<u> </u>
118 1,440	218 720	Extension for reply within fourth month	<u> </u>
128 1,960	228 980	Extension for reply within fifth month	<u> </u>
119 320	219 160	Notice of Appeal	<u> </u>
120 320	220 160	Filing a brief in support of an appeal	<u> </u>
121 280	221 140	Request for oral hearing	<u> </u>
138 1,510	138 1,510	Petition to institute a public use proceeding	<u> </u>
140 110	240 55	Petition to revive - unavoidable	<u> </u>
141 1,280	241 640	Petition to revive - unintentional	<u> </u>
142 1,280	242 640	Utility issue fee (or reissue)	<u> </u>
143 460	243 230	Design issue fee	<u> </u>
144 620	244 310	Plant issue fee	<u> </u>
122 130	122 130	Petitions to the Commissioner	<u> </u>
123 50	123 50	Processing fee under 37 CFR § 1.17(q)	<u> </u>
126 180	126 180	Submission of Information Disclosure Statement	<u> </u>
561 40	561 40	Recording each patent assignment per property (times number of properties)	<u> </u>
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	<u> </u>
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	<u> </u>
179 740	279 370	Request for Continued Examination (RCE)	<u> </u>
169 900	169 900	Request for expedited examination of a design application	<u> </u>
Other fee (specify) <u> </u>			<u> </u>

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

SUBMITTED BY

Name (Print/Type)

John B. Sieberth

Registration No.

17,704

Telephone

225-291-4600

Signature

Date

December 31, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

1026667 122101

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**REQUEST AND CERTIFICATION
UNDER
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor	Jonathan N. Howarth	
Title	Microbiological Control In Animal Processing	
Atty Docket Number	SU-7245	

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

December 21, 2001

Date



Signature

John F. Sieberth

Reg. No.: 17,704

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is to take 6 minutes to complete. This time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

10025637-1-22901

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JONATHAN N. HOWARTH ET AL.

SERIAL NO. ---

FILED: Herewith

FOR: MICROBIOLOGICAL CONTROL IN

ANIMAL PROCESSING

DATE: December 21, 2001

Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

Sir:

CERTIFICATE UNDER 37 CFR 1.10 - EXPRESS MAIL

I hereby certify that the correspondence stapled hereto and identified below is being deposited by me with the United States Postal Service as EXPRESS MAIL in an envelope addressed to: Commissioner for Patents, Box Patent Application, Washington, D.C. 20231, on December 21, 2001. The number of the "Express Mail" mailing label placed thereon prior to mailing is EF213099755US.

Said correspondence consists of the following:

- (1) One-Page Utility Patent Application Transmittal Letter (Large Entity);
- (2) One-Page Fee Transmittal;
- (3) 47 - Page Patent Application (Specification, Claims; Abstract of the Disclosure;
- (4) Two-Page copy of Executed Declaration, Power of Attorney and Petition by Inventor: Jonathan N. Howarth and James L. McNaughton
- (5) One-Page Request And Certification Under 35 U.S.C. 122(b) (2) (B) (i).
- (6) Check # 7230 in the amount of \$1,470.00 to cover fee.

A return postcard is attached hereto



Gina R. Merritt

Dated: December 21, 2001

Telephone: (225) 291-4600

10020531.122101